



IFU

In re Patent Application of:

First Named Inventor: MIURA, SEIJI

Art Unit: 2186

Appln. No.: 10/536,460

Examiner:

Filed: May 25, 2005

Confirmation No.: 6477

For: MEMORY MODULE, MEMORY SYSTEM, AND INFORMATION DEVICE

* * *

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, and without any assertion as to materiality or prior art effect, the documents listed on the attached Form PTO/SB/08A are hereby cited.

Documents AS, AT, AU, AV and BQ on the attached List were cited in the specification on pages 1 and 2 and their relevance is cited therein.

Documents AA-AR, AS, AT, AV and AW-BP on the attached List were cited in the International Search Report (copy attached).

Document AT is the European counterpart of Document AS. Documents AB-AE were cited in the International Search Report as family members of AW. Document AF was cited in the International Search Report as family member of AX. Document AG was cited in the International Search Report as family member of Document AY. Documents BC and AH were cited in the International Search Report as family members of Document BB. Documents BF, AI and AJ were cited in the International Search Report as family members of Document BE. Documents BH and AK were cited in the International Search Report as family members of Document BG. Documents AL and AM were cited in the International Search Report as family members of Document BI. Documents BM, BN, AN, AO and AP

were cited in the International Search Report as family members of Document BL.

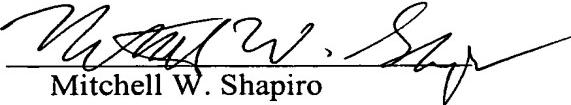
Documents AQ and AR were cited in the International Search Report as family members of Document BP.

The Commissioner is hereby authorized to charge to Deposit Account No. 50-1165 any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this paper and to credit any overpayment to that Account. If any extension of time is required in connection with the filing of this paper and has not been separately requested, such extension is hereby requested.

Respectfully submitted,

Date: December 6, 2005

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/536,460
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First Named Inventor	MIURA, SEIJI
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Attorney Docket Number XA-10365

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AA	2004/0049629	A1	03/2004	MIURA et al.	711/105	
AB	2001/0046167	A1	11/2001	AYUKAWA et al.	365/200	
AC	2001/0048616	A1	12/2001	AYUKAWA et al.	365/200	
AD	6,411,561	B2	6/2002	AYUKAWA et al.	365/230.03	
AE	2002/0131318	A1	9/2002	AYUKAWA et al.	365/230.03	
AF	2002/0185337	A1	12/2002	MIURA et al.	185/11	
AG	2002/0199056	A1	12/2002	AYUKAWA et al.	711/106	
AH	6,418,506	B1	7/2002	PASHLEY et al.	711/103	
AI	2001/0053090	A1	12/2001	TAKATA et al.	365/185.08	
AJ	6,522,581	B2	2/2003	TAKATA et al.	365/185.05	
AK	2003/0002377	A1	1/2003	SUMITANI et al.	365/230.03	
AL	2002/0114178	A1	8/2002	SAKUI	365/51	
AM	6,594,169	B2	7/2003	SAKUI	365/51	
AN	5,838,603		11/1998	MORI et al.	365/63	
AO	6,064,585		5/2000	MORI et al.	365/63	
AP	6,313,493	B1	11/2001	MORI et al.	257/296	
AQ	6,292,426	B1	9/2001	IKEDA et al.	365/230.03	
AR	2002/0006071	A1	1/2002	IKEDA et al.	365/230.03	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				
AS	JP	5-299616	A	11/1993	ISHIHARA et al.		Abstract
AT	EP	0 566 306	A2	10/1993	ISHIHARA et al.		YES
AU	JP	7-146820	A	6/1995	KATAYAMA et al.		Abstract
AV	JP	2001-005723	A	1/2001	SUZUKI		Abstract

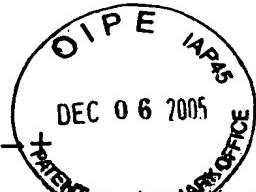
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2

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